

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. Further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

00164

7590

11/16/2006

SENT VIA EXPRESS MAIL

LABEL NO.:

EV884206873US

KINNEY & LANGE, P.A.
 THE KINNEY & LANGE BUILDING
 312 SOUTH THIRD STREET
 MINNEAPOLIS, MN 55415-1002
 12/15/2006 WASFAW2 00000006 10726881

01 FC:1501 1400.00 OP
 02 FC:1504 300.00 OP

Paul G. Koziol	(Depositor's name)
	(Signature)
	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10726,881	12/03/2003	Frank E. Stageberg	169.12-0589	5390

TITLE OF INVENTION: HIGH GRADIENT DISC DRIVE WRITER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/16/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
TUPPER, ROBERT S	2627	360-126000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kinney & Lange, P.A.

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Seagate Technology LLC

Scotts Valley, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 11-0182 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Paul G. Koziol

Date

12/13/06

Typed or printed name


Paul G. Koziol

Registration No.

58,515

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Complete if Known	
	Application No.	10/726,881
	Filing Date	December 03, 2003
	First Named Inventor	Frank E. Stageberg
	Group Art Unit	2627
	Examiner Name	Robert S. Tupper
Atty. Docket Number		I69.12-0589
Total Amount of Payment \$1,700.00		

<p style="text-align: center;">METHOD OF PAYMENT (Check One)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed.</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p> <p style="text-align: center;">FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">FILING FEE</th> <th style="text-align: center;">SEARCH FEES</th> <th style="text-align: center;">EXAM FEES</th> <th></th> </tr> <tr> <th style="text-align: left;">Appn. Type</th> <th style="text-align: center;">FEE/SMALL</th> <th style="text-align: center;">FEE/SMALL</th> <th style="text-align: center;">FEE/SMALL</th> <th style="text-align: center;">FEES</th> </tr> <tr> <th style="text-align: left;">PD.</th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Utility</td> <td style="text-align: center;">300 / 150</td> <td style="text-align: center;">500 / 250</td> <td style="text-align: center;">200 / 100</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Design</td> <td style="text-align: center;">200 / 100</td> <td style="text-align: center;">100 / 50</td> <td style="text-align: center;">130 / 65</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Reissue</td> <td style="text-align: center;">300 / 150</td> <td style="text-align: center;">500 / 250</td> <td style="text-align: center;">600 / 300</td> <td style="text-align: center;">—</td> </tr> <tr> <td>Provisional</td> <td style="text-align: center;">200 / 100</td> <td style="text-align: center;">-0- / -0-</td> <td style="text-align: center;">-0- / -0-</td> <td style="text-align: center;">—</td> </tr> <tr> <td colspan="5" style="text-align: right;">Subtotal (1) \$-0-</td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Number Claims</th> <th style="text-align: center;">Prior</th> <th style="text-align: center;">Extra</th> <th style="text-align: center;">Fee from Fee Paid Below</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td style="text-align: center;">—</td> <td style="text-align: center;">=</td> <td style="text-align: center;">X</td> <td style="text-align: center;">=</td> </tr> <tr> <td>Indep.</td> <td style="text-align: center;">—</td> <td style="text-align: center;">=</td> <td style="text-align: center;">X</td> <td style="text-align: center;">=</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td></td> <td style="text-align: center;">=</td> </tr> </tbody> </table> <p>Insert 3 and 20, or number previously paid if greater; Reissue see below</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th></th> </tr> <tr> <th style="text-align: left;">Fee Code</th> <th style="text-align: left;">Fee Code</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>1202 50</td> <td>2202 25</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201 200</td> <td>2201 100</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203 360</td> <td>2203 180</td> <td>Multiple Dependent Claim</td> </tr> <tr> <td>1204 200</td> <td>2204 100</td> <td>Reissue Independent Claims Over Original Patent</td> </tr> <tr> <td>1205 50</td> <td>2205 25</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table> <p>3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 small) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 C.F.R. 1.16(s). \$-0-</p> <p style="text-align: right;">Subtotal (2) \$-0-</p>		FILING FEE	SEARCH FEES	EXAM FEES		Appn. Type	FEE/SMALL	FEE/SMALL	FEE/SMALL	FEES	PD.					Utility	300 / 150	500 / 250	200 / 100	—	Design	200 / 100	100 / 50	130 / 65	—	Reissue	300 / 150	500 / 250	600 / 300	—	Provisional	200 / 100	-0- / -0-	-0- / -0-	—	Subtotal (1) \$-0-						Number Claims	Prior	Extra	Fee from Fee Paid Below	Total	—	=	X	=	Indep.	—	=	X	=	Multiple Dependent Claims				=	Large Entity	Small Entity		Fee Code	Fee Code	Description	1202 50	2202 25	Claims in excess of 20	1201 200	2201 100	Independent claims in excess of 3	1203 360	2203 180	Multiple Dependent Claim	1204 200	2204 100	Reissue Independent Claims Over Original Patent	1205 50	2205 25	Reissue claims in excess of 20 and over original patent	<p style="text-align: center;">FEE CALCULATION (Continued)</p> <p>3. 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unavoidable</td><td style="text-align: right;">—</td></tr> <tr><td>1453</td><td>1,500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td><td style="text-align: right;">—</td></tr> <tr><td>1501</td><td>1,400</td><td>2501</td><td>700</td><td>Utility/Reissue issue fee</td><td style="text-align: right;">1400</td></tr> <tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td><td style="text-align: right;">—</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td style="text-align: right;">—</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td style="text-align: right;">—</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Statement</td><td style="text-align: right;">—</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td style="text-align: right;">—</td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination (RCE)</td><td style="text-align: right;">—</td></tr> <tr> <td colspan="5">Other fee (specify) <u>Publication Fee</u></td> <td style="text-align: right;">300</td> </tr> <tr> <td colspan="5" style="text-align: right;">Subtotal (3) \$1,700.00</td> </tr> </tbody> </table>	Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee paid	1051	130	2051	65	Surcharge - Late filing fee or oath	—	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	—	1053	130	1053	130	Non-English specification	—	1812	2,520	1812	2,520	For Filing a Request for Reexamination	—	1251	120	2251	60	Extension for reply within first month	—	1252	450	2252	225	Extension for reply within second month	—	1253	1,020	2253	510	Extension for reply within third month	—	1254	1,590	2254	795	Extension for reply within fourth month	—	1255	2,160	2255	1,080	Extension for reply within fifth month	—	1402	500	2402	250	Filing a brief in support of an appeal	—	1403	1,000	2403	500	Request for oral hearing	—	1814	130	2814	65	Terminal Disclaimer Fee	—	1452	500	2452	250	Petition to revive - unavoidable	—	1453	1,500	2453	750	Petition to revive - unintentional	—	1501	1,400	2501	700	Utility/Reissue issue fee	1400	1502	800	2502	400	Design issue fee	—	1460	130	1460	130	Petitions to the Commissioner	—	1807	50	1807	50	Petitions related to provisional applications	—	1806	180	1806	180	Submission of Information Disclosure Statement	—	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	—	1801	790	2801	395	Request for Continued Examination (RCE)	—	Other fee (specify) <u>Publication Fee</u>					300	Subtotal (3) \$1,700.00				
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Signature: Paul G. Koziol Reg. No. 58,515

Date: 12/13/06 Deposit Account No. 11-0982



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor	: Frank E. Stageberg	
Appln. No.	: 10/726,881	
Filed	: December 03, 2003	Group Art Unit: 2627
Title	: HIGH GRADIENT DISC DRIVE WRITER	Examiner: Robert S. Tupper
Docket No.	: I69.12-0589	

EXPRESS MAIL COVER SHEET

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Express Mail No.

EV884206873US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and Trademark Office on the date shown below:

1. Fee Transmittal (in duplicate) with attached check for \$1,700.00;
2. Part B - Fee(s) Transmittal (in duplicate).

Respectfully submitted,

KINNEY & LANGE, P.A.

Date: 12/13/06

By

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